**Your Serial and Data Communications Expert**

# IES206G-2GS

**4-port 10/100/1000BaseT(x) Ethernet + 2-port Gigabit SFP slot**

**Unmanaged Industrial Ethernet Switch**

## Features

1. Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3ab, IEEE802.3z
2. Support 4 ports 10Base-T/100Base-TX/1000 Base-TX and 2 ports Gigabit SFP slot
3. Ethernet port support full/half duplex mode, MDI/MDI-X
4. Support Store and forward
5. Support MAC address learning, aging automatic
6. 12~48VDC power input, power supply support non-polarity
7. -40~75℃ working temperature
8. No fan, low consumption, Industrial design standard
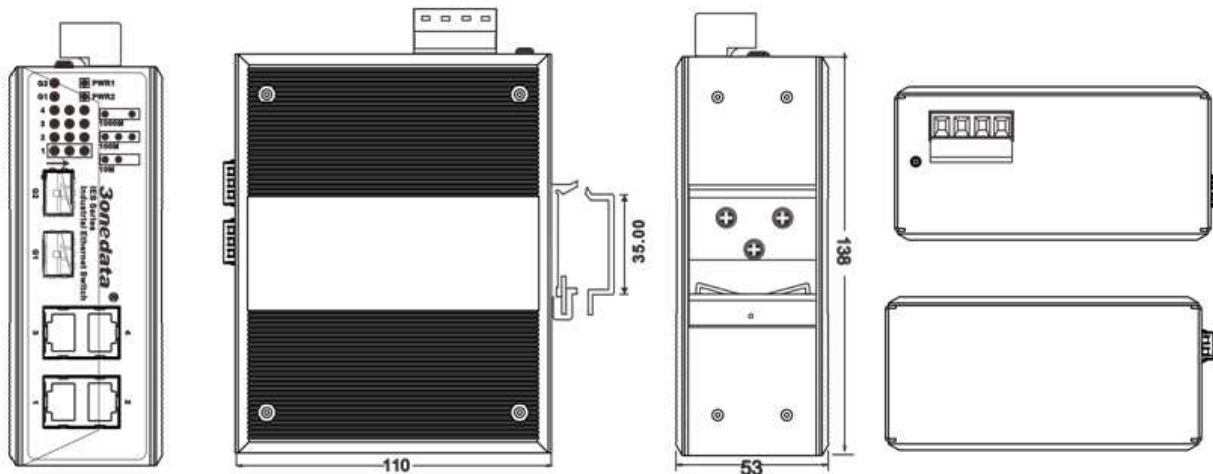9. IP40 protect grade, high strength iron shell, DIN Rail mounting

## Introduction

IES206G-2GS-P (12/48VDC) is a kind of industrial, unmanaged, Gigabit Ethernet switch. It supports 4 port 10Base-T/100Base-TX /1000Base-TX Ethernet port and 2 port 1000Base-X SFP fiber port, no fan, low consumption design, working function more steadily. It accorded with FCC, CE standard, industrial design requirement, it can work steadily in -40℃~75℃ working temperature, it can provide reliable and quickly solution for your Ethernet device.

## Dimension

**Unit (mm)**



## Specification

**Technology**

Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z

Flow control: IEEE802.3x flow control, back press flow control

**Exchange attribute**

100M forward speed: 148810pps

1000M forward speed: 1488100pps

Transmit mode: store and forward

System exchange bandwidth: 12Gbps

MAC address table: 1K

Memory: 1Mbit

**Interface**

Gigabit Ethernet port: 10Base-T/100Base-TX/1000Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect

Gigabit SFP port: 1000Base-X, SFP slot

**Transfer distance**

Twisted cable: 100M (standard CAT5/CAT5e cable)

Multi-mode: 1310nm, 2Km

Single-mode: 1310nm, 20/40Km

　　　　　　　1550nm, 60/80/100/120Km

**LED indicator**

Ethernet port indicator: 1, 2, 3, 4

Gigabit SFP port indicator: G1, G2

Ethernet port speed indicator: 10M, 100M, and 1000M

Power supply indicator: PWR1/PWR2

**Power supply**

Input Voltage: 24VDC (12~48VDC)

Type of input: 4 bits 7.62mm terminal block

Support non-polarity

Support overload current protect

**Consumption**

No-load power consumption: 1.45W@24VDC

Full-load power consumption: 4.35W@24VDC

**Working environment**

Working temperature: -40～75℃

Storage temperature: -40～85℃

Relative Humidity: 5%~95 %( no condensation)

**Mechanical Structure**

Shell: IP40 protect grade, metal shell

Installation: DIN-Rail

Weight: 0.71kg

Size (W×H×D): 53mm×138mm×110mm

**Industry Standard**

EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD), Level 4

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

**Certification**

CE, FCC, RoHS, UL508 (Pending)

**Warranty:** 5 years

## Packing List

1. Industrial Ethernet switch IES206G-2GS (plus terminal block) ×1

2. User manual ｘ 1

3. Certificate of quality ｘ 1

4. Warranty card ｘ 1